

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 G06T7/00 G01B11/25

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06T G01B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, IBM-TDB

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	SANSONI G ET AL: "A NOVEL, ADAPTIVE SYSTEM FOR 3-D OPTICAL PROFILOMETRY USING A LIQUID CRYSTAL LIGHT PROJECTOR" IEEE TRANSACTIONS ON INSTRUMENTATION AND MEASUREMENT, IEEE INC. NEW YORK, US, vol. 43, no. 4, 1 August 1994 (1994-08-01), pages 558-565, XP000466818 ISSN: 0018-9456	29
A	the whole document	1-28, 30-32
A	WO 99/28704 A (UNIVERSITA' DEGLI STUDI DI BRESCIA; SANSONI, GIOVANNA; LAZZARI, SARA) 10 June 1999 (1999-06-10) abstract; figures 1-11 page 10, line 18 - page 13, line 3 ----- -/-	1-32

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *Z* document member of the same patent family

Date of the actual completion of the international search

24 March 2005

Date of mailing of the international search report

27/04/2005

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
 NL - 2280 HV Rijswijk
 Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
 Fax: (+31-70) 340-3016

Authorized officer

Herter, J

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	BATLLE J ET AL: "Recent progress in coded structured light as a technique to solve the correspondence problem - image segmentation techniques" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 31, no. 7, 31 July 1998 (1998-07-31), pages 963-982, XP004131001 ISSN: 0031-3203 the whole document	1-32
A	US 6 229 913 B1 (NAYAR SHREE ET AL) 8 May 2001 (2001-05-08) abstract; figures 4A,4B,11A-12D,17A,17B column 3, line 25 - column 5, line 12	1-32
P,A	SALVI J ET AL: "Pattern codification strategies in structured light systems" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 37, no. 4, April 2004 (2004-04), pages 827-849, XP004491495 ISSN: 0031-3203 cited in the application the whole document	1-32
P,A	FOFI D ET AL: "Uncalibrated reconstruction: an adaptation to structured light vision" PATTERN RECOGNITION, ELSEVIER, KIDLINGTON, GB, vol. 36, no. 7, July 2003 (2003-07), pages 1631-1644, XP004417154 ISSN: 0031-3203 the whole document	1-32
P,A	US 2003/174880 A1 (SAKAMOTO SHIZUO ET AL) 18 September 2003 (2003-09-18) abstract; figures 1-11 paragraph '0004! - paragraph '0039! paragraph '0088! - paragraph '0122!	1-32

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
WO 9928704	A	10-06-1999	IT	MI972667 A1	02-06-1999
			AU	1876499 A	16-06-1999
			WO	9928704 A1	10-06-1999
			EP	1038157 A1	27-09-2000
US 6229913	B1	08-05-2001	WO	9641304 A1	19-12-1996
			JP	10508107 T	04-08-1998
			JP	3481631 B2	22-12-2003
US 2003174880	A1	18-09-2003	JP	2003269928 A	25-09-2003